

10/585450

JP2005000031 JUL 2006

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q89687

Shoji AKATSUKA, et al

Appln. No.: National Stage of PCT/JP2005/000031

Confirmation No.: Unknown

Group Art Unit: Unknown

Filed: July 7, 2006

Examiner: Unknown

For: GAS SENSOR PRODUCTION METHOD AND GAS SENSOR

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

MAIL STOP AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

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filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Communication from a foreign patent office in a counterpart application citing such documents (International Search Report for PCT/JP2005/000031 dated April 26, 2005), together with an English-language version (if not already included) of at least that portion of the Communication indicating the degree of relevance found by the foreign patent office.

Applicant also states that DE 197 03 458 A1 corresponds to U.S. Patent Nos. 6,258,234 and 6,178,806.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

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The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: July 7, 2006

Substitute for Form 1449 A & B/PTO <u>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</u> <i>(use as many sheets as necessary)</i>				Complete if Known	
				10/585450	
				Application Number	National Stage of PCT/JP2005/000031
				Confirmation Number	Unknown
				Filing Date	July 7, 2006
				First Named Inventor	Shoji AKATSUKA
				Art Unit	Unknown
Examiner Name					
Sheet	1	of	1	Attorney Docket Number	Q89687

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US 6,258,234	B1	07/10/2001	ISAO WATANABE, ET AL
		US 6,178,806	B1	01/30/2001	ISAO WATANABE, ET AL
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		JP	2003-194764	A	07/09/2003	NGK SPARK PLUG CO.	Abstract
		JP	4-2959	A	01/07/1992	TOYOTA MOTOR CORP.	Abstract
		DE	197 03 458	A1	07/31/1997	DENSO CORP.	
		JP	2000-81412	A	03/21/2000	NGK SPARK PLUG CO.	Abstract
		JP	11-271254	A	10/05/1999	NGK SPARK PLUG CO.	Abstract
		JP	8-15214	A	01/19/1996	ROBERT BOSCH GmbH	Abstract
		JP	10-332627	A	12/18/1998	UNISIA JECS CORP.	Abstract
		JP	9-229897	A	09/05/1997	DENSO CORP. (JP)	Abstract
		JP	9-54063	A	02/25/1997	DENSO CORP.	Abstract

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.